

chip is mounted, and is entirely magnetized.

6. A magnetic sensor comprising:

a magnetic sensor chip;

a chip mounting member, for mounting the magnetic sensor chip thereon, with a magnetized portion on which the magnetic sensor chip is mounted;

a magnetized adhesive material for bonding the magnetic sensor chip to the chip mounting member; and

an encapsulating material for encapsulating the magnetic sensor chip therein, the encapsulating material having a magnetized portion on a surface opposite to the mounting surface of the magnetic sensor chip on the chip mounting member, the magnetized portion of the encapsulating material corresponding to the magnetized portion of the chip mounting member.

7. A method for fabricating a magnetic sensor comprising:

mounting a magnetic sensor chip on a chip mounting member by using an adhesive material for bonding;

encapsulating the chip mounting member and the magnetic sensor chip mounted thereon by using an encapsulating material; and

forming a magnetic-field generating portion by magnetizing at least one of the chip mounting member, the adhesive material, and the encapsulating material.

8. The method for fabricating a magnetic sensor according to claim 7, wherein the encapsulating material is magnetized at

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